

IMPORTANT! **ADDENDUM** INFO ENCLOSED

.....
Please read this information before loading the program.
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Ham It Up! Addendum (v. 1.02)

Some of these changes were introduced in v. 1.01.

Any features new to v. 1.02 are marked with a .

Here's a summary of the new features:

-  Easier Hard Drive Installation
-  Many new keystroke commands, listed in this text in brackets { } and/or in lists on pages 6-7.
-  Blender includes new diagonal blends, inverted gradients; saves brushes with/without icons.

•Hard Drive Installation

 You may now install the main HamItUp! program on your Hard Drive without any assigns. Simply follow the directions on page 2 of the manual without adding the line to your s/startup-sequence. *You must, however, add the assign line when installing the HamItUp!Extras disk.*

•Getting Started

When the program first loads, you will see the colorful HamItUp! title page with the smiling pig. You must **click on the pig's nose** to proceed with the program.

•Main Menu

 There are many new keystroke commands relating to the menu page. See the list on page 6 for details.

•Color Charts

 There are several new keystroke commands relating to the color charts. See the list on page 6 for details.

•SlideShow

The SlideShow has been modified so that it no longer "dissolves". The chart pages flip from one to the next without any special wipes or effects. You can use the  {S} keystroke command to start the SlideShow from the

Main Menu page, and  {P} to pause/resume the SlideShow during viewing.  {Esc} quits the Slide Show and returns you to the Main Menu page.

•Cyan/Magenta/Yellow

You now have the added option of displaying the Cyan/Magenta/Yellow equivalent values for each RGB chart. Simply click on the "BLUE" label at the bottom of the chart page; the label will change to YELLOW, while the GREEN and RED values will change to MAGENTA and CYAN. Clicking on the YELLOW label will return you to the RGB values.

You can also access the CMY charts by clicking on the **CMY** label located at the bottom left corner of the menu page. All the "pig" buttons will turn yellow and their corresponding yellow values will be displayed. (You can then select and display any of these charts). Clicking on the **RGB** label will return you to the RGB menu page. You can also use the  down arrow {↓} to toggle between the RGB and CMY labels on the menu page.

•Printing

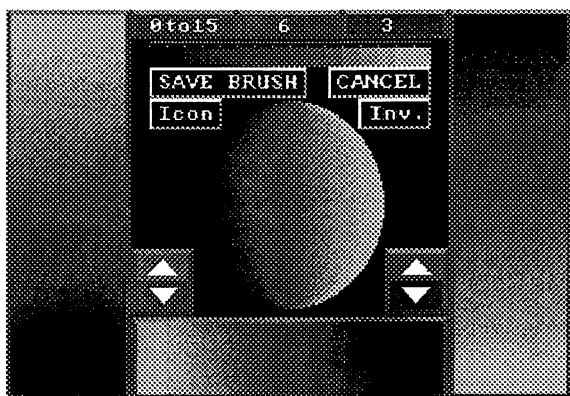
In addition to printing the charts in four different sizes with the standard black background, you now have the option of easily printing them with a white background if you wish to conserve black ink. You will find this option on each chart page under the pulldown PRINT menu, listed as TINY/white, SMALL/white, MEDIUM/white, and LARGE/white.

•Preferences

You can now access the Amiga Preferences through a pulldown menu located on each chart page. However, your Preferences must be located in your SYS: or SYS:Prefs directory.

•Back Gadgets

There are now back gadgets on all pages (except the title page and the "About" page) so that you can multitask. The gadgets, although invisible, are located in the standard place at the top right corner of the screen. Or use  {AN} to send the current screen to back. This feature is especially useful when saving brushes from HamItUp! and loading them into a paint program. However, it is not advisable to multitask while printing the charts, as GraphicDump prints whatever is on the screen at the moment.



•The Blender

This new feature allows you to instantly select and save **864 sixteen-color blends** ( includes 96 new diagonal blends) as brushes to be used in your favorite HAM or non-HAM paint programs. As explained in the first tutorial (pages 8-13 in the manual), picking a row from the HamItUp! charts will give you the smoothest possible 16-color blend. Now, rather than follow the laborious process of using the RGB sliders to adjust each individual color in the blend, **The Blender** does it for you in a matter of seconds.

•Horizontal and vertical blends

To begin, **select** a row on the RGB charts that you would like to use as a blend (this will not work in Cyan/Magenta/Yellow). If your row is horizontal, click on the number to the left of the row. If your row is vertical, click on the number at the top of the row. This will take you to **The Blender**, where you will see your selected blend applied to a few different objects in a gradient fill.

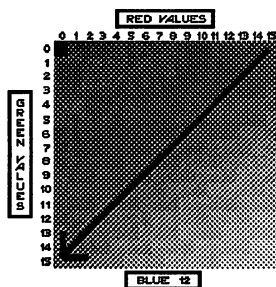
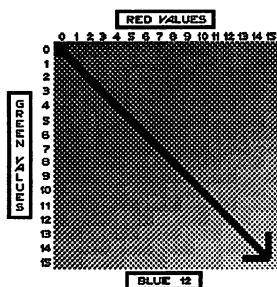
If you're not pleased with your blend at this point, you can instantly **adjust** it by clicking on the Up and Down arrows located in the colored boxes on either side of the sphere. The color of the box tells you which color you are adjusting; with each click you add or subtract a unit of that particular color. ➡ Or use {R} {G} {B} to add units and {E} {F} {V} to subtract units of Red, Green, and Blue respectively. At the same time, the corresponding numerical values will change in the boxes at the top of the screen. In this way, you can instantly see the color and number changes in the entire blend.

➡ Another way to adjust the look of the blend is to **invert** the gradient by clicking on the **Inv.** button {I}. This will change the 0-15 values to 15-0 and reverse the **direction** of the blend colors, without actually changing the colors themselves.

Because of the setup of the HamItUp! charts, the blends in the "Blue 0-15" range do not appear on these charts. However, you do have access to these 16-color blends through **The Blender**. To change the Blue range to 0-15, simply click in the Blue numerical box at the top of the screen. The blend colors will change as you see "0-15" appear in the box. You can then use the Up and Down arrows to click through all the possible combinations of Red and Green. (In this way, you have access to another 256 blends in addition to the 512 vertical and horizontal blends from the charts). You can click into the Red and Green numerical boxes in a similar manner. Or use ➡ {F1} {F2} {F3} as listed on page 7.

☞ Diagonal blends

You now have access to diagonal blends which, although not quite as smooth as horizontal or vertical rows, are nevertheless an important addition to the HamitUp! blend collection. In creating blends from horizontal or vertical rows, the numerical boxes of the Blender always displayed one 0-15 combination and one number in each of the other two boxes, as on page 3. To create diagonal blends, we need two boxes with 0-15 and one box with a single number, such as (0-15) (0-15) (12). This combination gives you a blend using the values (R0, G0, B12), (R1, G1, B12), (R2, G2, B12)..... (R15, G15, B12), that in effect goes diagonally across the chart from **top left to bottom right** (as shown below left).



To **access** these diagonal blends, click into a box containing 0-15, or use the {F4} {F5} {F6} function keys as listed on p. 7. Continue clicking into any 0-15 box to get different blend combinations, then use the arrows to the left of the sphere to further adjust the colors. Clicking into a box with a single number will return you to the horizontal and vertical blends.

To change the direction of the diagonal, e.g., from the **top right to the bottom left** (as pictured above right), simply click into one of the boxes to the right of the sphere, and the values of the corresponding color will change to 15-0. (In this diagonal blend mode, there are no arrows in these boxes). This will change all the colors in the blend (unlike the **Inv.** button which keeps all the same colors but reverses their direction within the gradient). Clicking into the box again will return the values to 0-15.

•Saving blends

In saving your blend as a brush,  the default setting saves your file with an icon. Click on the **Icon** box or use {Left Alt I} to deselect/reselect this option. Then click on the **Save** button or use  {Left Alt S} to get the requester box. After saving your brush, you can load it into your favorite paint program. In non-HAM paint programs, be sure to pull down the "**Use Brush Palette**" (or equivalent) command in order to see your blend colors.

Ham It Up! Keystroke Commands

While on the Main Menu Page:

B	Go to Blender Page
C	Go to Chart pages
↓	Toggle between RGB & CMY menu pages
S	Start Slideshow
P	Toggle between Pause & Resume Slideshow
ESCAPE	Quit Slideshow
A N	Back gadget
LEFT ALT Q	Quit Ham It Up!

While on the Chart pages:

B	Go to Blender page (from RGB charts only)
M	Return to Main Menu page
↓	Toggle between RGB and CMY labels
←	Back one chart (notice Blue or Yellow value)
→	Forward one chart
A N	Back gadget
A P	Load Preferences
A A	Go to About page
A Q	Quit Ham It Up!
A 1	Print charts Tiny with black background
A 2	Print charts Small with black background
A 3	Print charts Medium with black background
A 4	Print charts Large with black background
A 5	Print charts Tiny with White background
A 6	Print charts Small with White background
A 7	Print charts Medium with White background
A 8	Print charts Large with White background

Note: A denotes Left Amiga key; **A** denotes Right Amiga key.

While in the Blender page:

C	Return to Chart pages
M	Return to Main Menu page
A N	Back gadget
LEFT ALT S	Save Brush requester
LEFT ALT I	Toggle to save brush with/without ICON
A Q	Quit Ham It Up!
A Z	Send Blender to Sleep (double-click on pig to awake)

The following **Function Keys** (top row of keyboard) affect the values in the colored boxes at the top of the Blender, to yield the following color combinations:

	Red	Green	Blue	
F1	0 to 15	0+	0+	} Horizontal & vertical blends
F2	0+	0 to 15	0+	
F3	0+	0+	0 to 15	
F4	0+	0 to 15	0 to 15	} Diagonal blends
F5	0 to 15	0+	0 to 15	
F6	0 to 15	0 to 15	0+	

Note: 0+ denotes any number between 0 and 15.

Other Blender color controls:

I	Invert all "0 to 15" colors in blend
R	+1 to R value/ inverts Red 0 to 15 while in F5 or F6
G	+1 to G value/ inverts Green 0 to 15 while in F4 or F6
B	+1 to B value/ inverts Blue 0 to 15 while in F4 or F5
E	-1 from R value
F	-1 from G value
V	-1 from B value



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